

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: pmk@juno.com
Subject: [5724] 2 HW-7's and a Oscilloscope... Semi long.
Message-ID: <19961206.032831.4767.2.PMK@juno.com>

I had 2 HW-7's laying around the shack for a few years and scrapped them about a year ago. The first one I had a gent wanted to mod it for me but he kept it over a year and got it back and it did not work at all as I had made a few contacts with it. The other I picked up in Dayton a few years ago and never did get it to work. I had taken them completely apart except did leave the boards whole. Was going to use the verniers in something in the future and cases as well. All the parts sat in the motorcycle box for over a year and did nip some knobs and verniers out of there.

Well I had nothing to build and nothing to fix and seen how popular they were here and started putting them back together Sunday eve. Well I'll have to say they were a lot of fun putting back together and fixing them was even more fun. The first thing I had done was gave them both new finals. Got the O scope warmed up and started looking around. Called my elmer tuesday morning and asked him for his fax # then called him that evening. and walked through where I could test things and get good reading's.

Well one of them is on the air now and probably works just as good (or bad) as the day it was built. but the other is still a little sick. It wants to go into oscillation above 7.120mhz. Any suggestions what to look for and what maybe to replace?

By the way if you are still wanting to read this I found the final's at Skycraft for a buk a shot and looked up all the other semicontuctors and can find all but the audio amp. (good thing both are good here).

73 es had a ball

Patrick KD4OBQ

ar

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: ji3m@maxwell.com (James R. Duffey)
Subject: [5745] 20 M loop on other bands
Message-ID: <v02130502aecdeb4c55c@[192.31.66.229]>

Vic - You asked about feeding your 20 M delta loop with ladder line for multiple band operation. If you add approximately 5 meters of ladder line

to the 20 M loop the total length of line from one end of the feeder to the other will be 30 M. This should give you a relatively low impedance feed point on 30 M, 20 M, 15 M and 10 M. The radiation resistance will vary from about 50 Ohms on 30 M to 200 or so on 10 M. You can play with the length to get a better match. If you switch in about 2.5 to 3 M more of balanced feeder to make 35 to 36 M total length of wire in the system, you will get a relatively low impedance match on 12 and 17 M as well. The pattern will be perpendicular to the loop below 12 MHz, and parallel to the plane of the loop at 10 M.

You can use this as a vertical antenna on 40 M and 80 M by tying the feeder ends together and feeding it against a counterpoise, radials or good ground. You can even use it on 160 M as a Marconi antenna by feeding one end of the feeder against ground and letting the other end float. This will not be very efficient, even with a good ground, and the other end of the feeder will have a high voltage on it, but it will work.

Like most multiband antennas this will benefit from the use of a well designed tuner. The excursions of the resistive and reactive components of the impedance of a delta loop are not as great as with a center fed wire so it is easier to match.

I use a 30 M delta loop in a similar manner with good success.

This is a good choice for a multiband antenna.

Let me know if you have any questions. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: PDouglas12@aol.com
Subject: [5778] 38 Specials
Message-ID: <961206161843_1085862419@emout09.mail.aol.com>

Hey Gang,

I got a nice note from Jim Cates (which, I expect, is the only kind one can get from Jim!) advising that my order for the 38 Special is number 60. Now, that tells me something, as my order went in THE DAY of the the announcement

of availability. Assuming the vagueries of the USPS first class mail, that means a lot lot of orders must be piling into Jim's mailbox. I don't remember if there was going to be a limited run of these kits, but wow, they will run out fast if there is a finite limit. Good, maybe I'll just hold onto mine as a collector's item. Demand from collectors and speculators by the year 2000 should put it over the \$100 mark! Nah, I need a QSK rig for 30m. Anyway, if you want one, better order one fellas.

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [5729] AM Filters
Message-ID: <M1177434.002.zd4u1.1.961206070742Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Mark:

In the new QRP POWER book from ARRL, there are several discussions on homebrew crystal filters. I seem to recall one specifically addressed AM bandwidth filters. You might check it out and see if it meets your need.

72, Bob N6WG

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Jim Hydzik <congress@magpage.com>
Subject: [5770] ANNOUNCEMENT ->50 States in 50 Days FSFD
Message-ID: <199612061923.0AA23717@alaska.magpage.com>

== Announcement of the 1997 50 States in 50 Days WAS challange ==

Greetings to all on QRP-L,

This is the initial announcement of a new Worked All States opportunity and challange. It is part of a dual WAS program for this year. Information on the 2nd, and separate part, will be released by Mike, K1MG and should be on your screen today or tomorrow. This will give you 2 cracks at 'working them all'.

The purpose of 50 States in 50 Days (FSFD) is to offer WAS-QRP opportunities with a twist, and a serious challenge for the participants. Just as the title implies, operators (solicited QRP-L members) will provide each state in a pseudo-alphabetical order within the first 50 days of 1997. Here's what makes it fun:

1) Volunteer operators in each state will be on 40 Meters between 7 PM and 9:30 PM their local time as a minimum. BUT, each state volunteer, or STATE-REP as we have 'tagged' them, MAY OPERATE ANY OR ALL of the 24 local hours of his/her day. This will help those who work the crazy schedules or live in the night time no-propagation zones. It also provides a cure-all for those who wish FOX-like operations could last a little longer. Operating times outside of the 7-9:30 PM will be posted by the STATE-REP a day or so before the state is scheduled.

2) MULTI-OP/MULTI-BAND Forty meters is the first band slot to be filled. If several volunteers are available, 80, 30 and 20 Meters will be scheduled as well. Those bands will see hours of operation determined by the operator and posted here on the reflector. One volunteer may opt to work all the bands, as long as the 40M time slot is covered. For those who are experienced at Multiband simultaneous operation, it is suggested that only monoband operation be conducted during the 7-9:30 PM time slot (you will be busy).

3) EXCHANGE: RST S/P/C Name The state will call WAS QRP de K....

4) AWARDS

A) A RAINBOW TUNER, compliments of the NJ-QRP Club will be given to the STATE-REP with the most stations worked on 40 Meters, and an additional tuner or similar offering of equal value will be won by random drawing at the 1997 FDIW from among all the participating STATE-REPs.

B) Certificates will be issued to those who worked 30, 40 and 50 state stations. (Thanks to Mike/K1MG)

C) Weekly status updates will be posted.

5) FREQUENCIES To spread out the congestion, the 40 Meter target frequencies will be 7043-7045 KHz. Other band frequencies will be determined by the STATE-REPs to meet their equipment capabilities and will be posted a day or two ahead of state activation. A drop down to near 7040 KHz toward the end of the evening would be in order to help those with minimal VFO/VXO capabilities. (will coordinate with FOX Ops.)

CALL FOR ACTION.....

Volunteer Operators are needed for ALL 50 States. In the event that a few States need filled in, we hope that a club or individual portable effort can take place. If necessary, a state's scheduled day can be shifted to allow for weekend travel. Sorry, no funding for the Hawaii effort.

Here's an opportunity to set some goals for the coming year and participate to your heart's content. If a few states slip by, K1MG's 50/40 program can help fill in the blanks. We already have one member who's going to 'work 'em all' from mobile. (Special award if THAT happens).

LET'S GO! Anyone wishing to fill their state's slot need only to e-mail me with their basic info. Remember, the State-dude (dudette) should be running no more than 5 watts output. Every attempt will be made to run the states in alphabetical order but every attempt will be made to get all 50 states on

the air. Flexibility rules. Sign up!!!!!!

Jim, K3QIO in Delaware E-mail-> congress@magpage.com

-----END of Announcement-----

P.S. Since this is basically a solicitation for more activity and not a contest, 30 Meter operation is permissible, just like ARRL's WAS program.
CC: to KLNET and NJ-QRP for those temp. suspended from the mail.

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Ken Freedman <n1qqv@cshore.com>
Subject: [5720] Attention
Message-ID: <2.2.32.19961206024758.006804f8@cshore.com>

Jammers want to be noticed. This one turns up far too often on fox and QRP net freqs for it to be accidental. This thread is probably not a good idea...

73, Ken

Ken Freedman
AKA: N1QQV/QRP

VE, EC Madison CT

Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Pete Rossi <wa3nna@resuba.com>
Subject: [5718] CALLS2DIST
Message-ID: <199612060210.VAA26640@resuba.com>

I seem to have lost my notes on how to use the CALLS2DIST server. I need to use it to get distances for last weekend's QRP beacon report.

I need the e-mail address and the instructions..

Anybody have this.. or can tell me where it is available?

Pete Rossi - WA3NNA
wa3nna@resuba.com

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [5759] choosing a beginners RX ?
Message-ID: <1996Dec06.123217-0500@[130.113.234.7]>

Reading with interest all the "what_got_me_interested" stories. Paul has suggested a SWL-type radio for a budding (potential) ham.

So what might be an appropriate SWL receiver?

Is a regenerative receiver too frustrating for a beginner to use? Didn't some on this list do a regen receiver as a group kit-building project?

Or would one of the commercial "Short-wave" receivers be better? Seems to me Radio Shack has a few, and there's Sangean, Sony, Grundig. Do many of these sport a BFO for CW/SSB? Opinions please, Christmas is coming.
Glen VE3DNL

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Martin Squicciarini <msquicci@vf.lmms.lmco.com>
Subject: [5739] CMOS II project
Message-ID: <32A8313A.C71@vf.lmms.lmco.com>

Hi all,

Yesterday I finally got to the workbench to finish a project I stared 8 1/2 years ago (that's another story that I may tell if I finish this project) and to make plans for my next project. The next project is a CMOS II Keyer that I purchased several years ago and never go around do it. Well I opened the package and found the parts but no part placement guide or schematics. The info that was with the kit refers to the May 1990 article that I do not have. If someone has that this article and could either fax it or mail it I would be in your debt. TIA.

Please email me direct for address or fax number.

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Martin Squicciarini 73 - NR3Z
Work -> msquicci@vf.lmms.lmco.com
home -> skitch@resuba.com

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
Subject: [5740] Corner reflector
Message-ID: <32a83041.pandora@pandora.lugs.org.sg>

Hi,

Can anyone educate me as to how a corner reflector, or any reflector for that matter, works? In particular, I want to use a reflector with a vertical, is this possible? How far must the reflector be from the active radiating/receiving element? How long/large must the reflector be? What is it made out of? etc. Thanks.

73 de 9V1ZV Daniel

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*-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg      |
| 9V1ZV      | danwee@singnet.com.sg                    |
| QRP-L #667 | daniel.wee@f516.n600.z6.fidonet.org |
+-----+-----+
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From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [5742] DSP-9 vs 500Hz FILTER
Message-ID: <9611068498.AA849892080@smtpgw.ccgate.dl.nec.com>

Gang:

I've been looking at getting serious about adding filtering to my FT-840.

I'd like to hear from folks who have used the DSP filter by Timewave model DSP-9. How do you like it?

Will this work better/same as an internal 500Hz filter offered by Yaesu? I know the internal filter won't get rid of the heterodynes, tones, etc., but how does it compare with the DSP-9 as a filter?

Never used a DSP, but I hear only wonderful things about them.

Thanks very much!

73 de Dave NR3E

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [5754] FILTER ADVICE
Message-ID: <9611068498.AA849896011@smtpgw.ccgate.dl.nec.com>

One of the great things about this list
is getting ideas about things you haven't
thought of.

For instance, in my question about the
DSP-9 vs internal 500 Hz IF filter,
Pat Tabler pointed out that the IF filter
wouldn't do me any good on SSB. I didn't
even think about that. Thanks, Pat.

The overall opinions are that the DSP-9
works very well and can be used on both
cw and fone. It can be used with multiple
radios.

However, the majority agree that early filtering
(a la the 500 Hz internal) in the IF stages
is by far the preferred method.

Just guess I need to decide if I want a filter
to use on a variety of rigs, or just concentrate
on making the FT-840 better in CW mode.

Thanks for all the informative goodies from
everybody.

73 de Dave NR3E

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [5767] FOX Jam
Message-ID: <Pine.A41.3.95b.961206095614.118958A-100000@homer15.u.washington.edu>

I heard the station loud and clear here in Tacoma, WA, where I couldn't hear the Fox nor many of the hunters.

The individual seemed to be tuning up a QRO amp. There was a low audio growl at first. Next, the person swished the band a bit. Then the signal level increased and the tone became sharp and clear. The signal went back down to a low growl, peaked again, then swished the band again. While this was going on, I had this image in my mind of someone tuning up an amp and swishing the band a bit the width of their filter capability. Although I wouldn't condone this method it made sense to me at the time... because I have come to the conclusion this person is truly deaf. This adds a whole new dimension to the problem.

Shortly afterward I heard a weak digital signal on the same frequency. I left the room for a while, came back at the end of the Fox hunt, but still no Fox to be heard.

In the past I have encountered similar activity at or near the 7.040 QRP frequency, especially in the early evening. Very typically, a plethora of digital signals soon ensued. I quickly learned to enjoy my part of this hobby later in the evening.

Anybody hear me last night in the novice segment of 80 and 40 meters? Was on with a Heath HW16, hi hi. 73 for now.

Stephen Lee, AB7HI
slee@u.washington.edu

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: kclark@ridgecrest.ca.us (K. Clark)
Subject: [5758] G-QRP membership renewal
Message-ID: <v01530500aecd95301f27@[199.120.150.41]>

The G-QRP Club Members Handbook 96-97 showed Mike Kilgore, KG5F, as the U.S. contact for G-QRP membership renewal. On 14 Oct I mailed Mike Kilgore a \$12 check, made out to QRP-ARCI as requested in past years, enclosing a return post card to let me know my payment was received and being forwarded to G-QRP.

About 2 Dec I received the check and postcard back via mail FROM MIKE

BRYCE, WB8VGE, along with a brief letter explaining that he (WB8VGE) did not handle G-QRP dues and that he wasn't sure whether Mike Kilgore still did that, or not. I assume that Mike Kilgore no longer handles G-QRP dues since he must have forwarded my materials to Mike Bryce.

I am requesting current information on how to pay my G-QRP dues. Will an ordinary U.S. personal check for \$14, made out to G-QRP Club and sent to John Leak, G0BX0, work? Is there a new U.S. individual handling dues? How do the rest of you renew your memberships? If by check, to whom is it made out? Thanks for any information. I do not want my subscription to SPRAT to be interrupted.

Keith Clark, W6SIY

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Craig O. Smith" <CSMITH@cmsuvm.cmu.edu>
Subject: [5735] Gamma matching anyone?
Message-ID: <961206.080951.CST.CSMITH@cmsuvm.cmu.edu>

Good Morning to all!

Well here is my first question for the group...

I have built several 2m 7 element Yagi beams and have been thinking about stacking a couple of them. I have not a clue how to build a matching system or even how far apart the booms should be mounted. Anyone been there done that??

Also, Can someone explain to me, about your FOX hunting activities.

As I stated before, this is a new world for me, so please excuse my ignorance.

73s. Craig/KB0VRS - E:-:)

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Tim Goodwin <tjgoodwin@MSUVX1.MEMPHIS.EDU>
Subject: [5736] Ham Musicians
Message-ID: <01ICOLPGCCC2A1VCXL@MSUVX1.MEMPHIS.EDU>

> Louis-excellent comments! As a musician, I understand your analogy, and
> hope that others will think about this. Our hobby may not be for everyone,

>but those who "get the fever" will carry it on. I've been a ham for 20+
>years (2 different stints) and have heard the death knell sounded many
>times-also, as a professional jazz musician, I've been told that "Jazz is
>dead" every year I can remember. Somehow, we keep persevering!
>Dan N7CQR
>

Thought I would add my support to Dan's & Louis's postings. As a Jazz musician I find that CW is very closely related to music (when sent properly). when i was learning the code I would tap my foot as if I were playing (or listening) to a song, and tap out the rhythm of the characters on my old straight key. In fact I talked to my elmer about it (he is also a musician) - he told me about service musicians during WWII that would pass confidential traffic during performances through their solos. In fact when ever he comes to my gigs I will "play" some CW for him when it is my turn to solo -- Really Coool.

nuf sed
73
Tim Goodwin
AD4JM

P.S. Dan, I'm also on 2xbass.

Prof. Jazz Bass
Coordinator Jazz & Studio Music
University of Memphis

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Tim Goodwin <tjgoodwin@MSUVX1.MEMPHIS.EDU>
Subject: [5737] Ham's Night before Christmas
Message-ID: <01ICOLQ5HN02A1Z10I@MSUVX1.MEMPHIS.EDU>

Hi gang, My wife's cousin (Sam Conant N1PDL) sent this to me, and thought you might enjoy it.

73
Tim Goodwin
AD4JM

A Ham's Night Before Christmas

Yet another corruption of Clement Clarke Moore's

classic Christmas tale, this time distorted by
Gary Pearce KN4AQ, and the Raleigh Amateur
Radio Society, Raleigh, NC, December 2, 1996.

Twas the night before Christmas,
And all through two-meters,
Not a signal was keying up
Any repeaters.

The antennas reached up
From the tower, quite high,
To catch the weak signals
That bounced from the sky.

The children, Tech-Pluses,
Took their HT's to bed,
And dreamed of the day
They'd be Extras, instead.

Mom put on her headphones,
I plugged in the key,
And we tuned 40 meters
For that rare ZK3.

When the meter was pegged
By a signal with power.
It smoked a small diode,
And, I swear, shook the tower.

Mom yanked off her phones,
And with all she could muster
Logged a spot of the signal
On the DX PacketCluster,

While I ran to the window
And peered up at the sky,
To see what could generate
RF that high.

It was way in the distance,
But the moon made it gleam -
A flying sleigh, with an
Eight element beam,

And a little old driver
Who looked slightly mean.
So I though for a moment,

That it might be Wayne Green.

But no, it was Santa
The Santa of Hams.
On a mission, this Christmas
To clean up the bands.

He circled the tower,
Then stopped in his track,
And he slid down the coax
Right into the shack.

While Mom and I hid
Behind stacks of CQ,
This Santa of hamming
Knew just what to do.

He cleared off the shack desk
Of paper and parts,
And filled out all my late QSLs
For a start.

He ran copper braid,
Took a steel rod and pounded
It into the earth, till
The station was grounded.

He tightened loose fittings,
Resoldered connections,
Cranked down modulation,
Installed lightning protection.

He neutralized tubes
In my linear amp...
(Never worked right before --
Now it works like a champ).

A new, low-pass filter
Cleaned up the TV,
He corrected the settings
In my TNC.

He repaired the computer
That would not compute,
And he backed up the hard drive
And got it to boot.

Then, he reached really deep

In the bag that he brought,
And he pulled out a big box,
"A new rig?" I thought!

"A new Kenwood? An Icom?
A Yaesu, for me?!"
(If he thought I'd been bad
It might be QRP!)

Yes! The Ultimate Station!
How could I deserve this?
Could it be all those hours
That I worked Public Service?

He hooked it all up
And in record time, quickly
Worked 100 countries,
All down on 160.

I should have been happy,
It was my call he sent,
But the cards and the postage
Will cost two month's rent!

He made final adjustments,
And left a card by the key:
"To Gary, from Santa Claus.
Seventy-Three."

Then he grabbed his HT,
Looked me straight in the eye,
Punched a code on the pad,
And was gone - no good bye.

I ran back to the station,
And the pile-up was big,
But a card from St. Nick
Would be worth my new rig.

Oh, too late, for his final
Came over the air.
It was copied all over.
It was heard everywhere.

The Ham's Santa exclaimed
What a ham might expect,
"Merry Christmas to all,
And to all, good DX."

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From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5734] Hey de K5FO
Message-ID: <199612061336.NAA00163@chuck.dallas.sgi.com>

Gang,

Just got back from one week in XE1 land.

Two things. System was down for a week as it must have taken a hit just as I went out the door. I brought it back up and I now have 1500 emails to read through. So, if you have not heard from me, I have not been ignoring you. I'll get caught up in a few hours or so (maybe).

I am supposed to be on vacation but had to go into work to fix the system and I knew that I wasn't going to have much of a weekend if I didn't. :-)

Posting of the fox results later today. I see that TX got really whupped by CA while I was gone. Musta been propagation for sure.

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Laura" <sputnik@imt.net>
Subject: [5716] How I became a Ham
Message-ID: <199612060012.RAA26419@cu.comp-unltd.com>

Hi Group!

I was always meant to be an amateur radio operator, since I was a little "hamlet" back in Saukville, Wisconsin. My father was an unusual man, and

my hero. One of his talents was that he could fix ANYTHING. He did it almost by magic. It started with calculators from his coworkers, then copiers, televisions, radios, computers and vehicles. He designed and built, from scratch, go-carts. I honestly drove by myself for the first time at age 3. I never stopped riding, building, fixing and enjoying ANYTHING with a motor. I raced motorcross and snowmobiles and rebuilt my first engine at age 13. When I was 15 my father and I had a project rebuilding the engine and body on a 1965 Chevy Malibu. "Three on the tree", a 305 and one mother of a holly carb. It was my dream car. I rolled it over seven months later. My nickname has been Flip ever since.

As I grew up, I helped my dad with all his projects. I learned how to weld at age 9. My father had a love of electronics as well, and many of our projects were electronic. I learned how to spot problems on circuit boards and troubleshoot all kinds of equipment. In my early teens, my father got my brother and I into STEREOs. Disco was big...BASS was everything. Quadrophonic was a standard. I had six floor speakers in my bedroom..attached to the biggest, baddest stereo any kid could have dreamed of! I quickly learned that I could project my own voice and guitar music over those woofers! Wow! Suddenly I was the Disco DJ Queen of my own made up radio station....WLDD (We Love Disco Dancing!) Ok, so no one else could hear it.. I still had news, weather and the occasional interview with well known oatmeal box drummer, Pete (ok, it was my baby brother, but he played a mean oatmeal box with the spoons, cats!!)

I grew interested in radio. I listened to the BBC and far away AM stations until all hours of the night/morning. I had wires all over my room and hanging out of my windows. My mother shuddered, but Dick (my dad, we called him Dick and he is my natural father) stood by me. Even when I blew almost every lightbulb in the house when I turned up the volume on the Fifth Dimension's AQUARIUS, I didn't get in trouble. Dick said he knew those speakers were strong!

Next, I wanted communications. So Dick went out and got my brother and me some walkie talkies. They pretty much sucked, but we loved them! We ran through tens of acres of woods whispering secret codes and, yes, even sending morse code to each other for an ENTIRE summer. But I wanted to talk further. Talk to someone besides my brother. CBs were next. Pete and I would get on our motorcycles and ride in opposite directions until we could barely hear each other. Oh, the fun we had. At the time, I didn't know what ham radio was, never heard of it. My dad told us that there were bigger, stronger radios, but you needed an expensive license to use them. I guess he didn't know.

Even when I moved to Montana, I spent most of my time still listening to shortwave and AM. Until in 1993 I saw a tv report about "field day" here in Bozeman. Those old memories resurfaced. I WANTED it! I wanted it BAD! The next day, I was surprised to see the man they interviewed at field day

walk into my office. I was his insurance agent at the time, but didn't recognize him on tv. I suddenly flooded him with questions and he told me about the No Code license and the Class the GHRC offered. His call was KC7BJW back then. Now he is AB7MV. He's always been Steve and he was my first contact on 2 meters a year later and a good friend.

Now ham radio is more than just a hobby. I served as President of our club this year, entered many contests and teach (or try my best) at a middle school in Bozeman with several other hams. I am helping with the No Code Tech Class this February. I am very involved in emergency communications and even got to man the EOC during a recent fire. I am one of the net controls on a local 2 meter repeater net and the only net control of the GHRC 10 meter net which is currently occupying the southwestern-most part of Montana. (Tuesday Evenings at 0330 UTC around 28.376, join in if you can hear us!!) I almost always have a ham radio on. I monitor my scanner constantly and spend at least a couple nights a week chasing these furry little critters with you all. During the day, 30 or 40 meters is always buzzing cw as my background music. I've built receivers. I'm working on a transceiver, antennas and keys. It's amazing how much I've accomplished. Most of my building is by the seat of my pants. With no formal training, my skills are far less than efficient. But with the help of my ham friends, I usually finish them and I always have fun trying!

I'm taking my Extra written this Saturday. The only reason I put it off, was because I wanted to pass my 20 wpm code first. But I may not have the ambition to do that unless I'm under a bit of pressure. Passing my Extra written gives me one year to pass 20 wpm or I have to take it again. This strategy just might work. Wish me luck!

In closing I'd like to tell you what has been the best part of becoming a ham: it has to be the friends I have made. All kinds of friends and each one unique and supportive. I have made friends from this QRP-L list too and enjoy every one of you. Here's to us hams, a friendly group who want to share it all with everyone who'll listen!!

73 & 88!!

de KJ7UN, Laura Marino Lubner - Reese Creek Montana USA

sputnik@imt.net homepage: <http://www.imt.net/~sputnik>

GHRC / ARRL / MARC / QRP-L # 790

"I am who I am and I make no apologies ... If I offend you,
you probably needed it." Lea DeLaria

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: Peter_Simpson@3mail.3Com.COM

Subject: [5733] How I became a ham

Message-ID: <852563F8.00419DFF.00@hqoutbound.ops.3com.com>

One of my earliest memories (I must have been about 5) is of crouching behind a chair in the living room with a battery and a bulb from the kitchen drawer. I was tickled when I finally got the bulb to light, using a bent paper clip, I think. Shortly thereafter, I got my first taste of 110 VAC, by sticking a butter knife in a socket. I remember that vividly. I think at about that time, my mother realized she had trouble on her hands.

I did receive a few experimenter's kits for Christmas and birthdays, but neither of my parents were interested in electronics, and I had no "elmer", so most of my efforts at building something that worked were unsuccessful. I did spend most of my time reading. We had a copy of "The Book of Knowledge", and old illustrated encyclopedia, and I used to pick a volume and read every article when I was home sick.

At around age 7, our family moved from Washington, DC, to Melbourne, Australia, for three years. At school, I met a boy who had acquired from a surplus house, an old carbon microphone. He had added a battery and an old TV speaker, and had built his own PA system. Well, you can imagine the trouble we got into. We used to run zip cord around the house and "bug" various rooms. The other thing I remember from that time is a kids show on TV that involved kids my age running around the woods, solving crimes and using surplus military radios. I guess that was my introduction to surplus! I also remember having friends with one of those key and buzzer sets, and trying to find someone willing to be at the other end to send Morse to!

When we moved back to the US, I was 11. We lived with my grandmother, in a house in the country. I remember getting a pair of Lafayette walkie-talkies for Christmas. I also remember that they were quite useless, unless I could convince my brother to use the other one. He wasn't very interested. They lasted, I think, until I opened them and started twiddling the cores in them. The next Christmas, asked for some that worked! I ended up with one Radio Shack 300 mw radio with no squelch and 3 crystal channels. Then, my father read the manual, and discovered that we needed a license for it. And that the license had to be in his name, because you couldn't have a CB license unless you were over 18. I couldn't understand what the problem was, but he didn't seem as excited as I was. At this time, I was also using my bedside AM radio to do a bit of BCB DXing. I remember hearing KDKA and knowing that it was the first broadcast

station in the country.

When I was around 13, I remember going to my grandmother's summer house and meeting my older cousin, who had a 5 watt CB and was into collecting CB QSL cards. He had gone out on the roof and jury rigged an antenna. He spent the whole summer playing with that radio (and was later to become a ham). This was the summer I plugged the headphones into the AC outlet. I think I was trying to make a series circuit of a crystal microphone, headphones and a power source (not understanding a lot back then).

I continued to play with CBs, started listening to HF broadcasters, and started a radio club at school. Several of us actually contacted a real ham and tried to take our Novice code tests. I don't remember much, but I don't think any of us passed. We really had no support from older hams, and had no idea how to study the code. I kept messing around with radios and electronics, though.

In college, I knew I wanted to major in Engineering, and by that time, I had discovered computers. One of the guys in the lab introduced me to RTTY. He had built a Baudot-to-ASCII converter, and I copied it, since I had assembled my own Teletype. We had a great time copying RTTY off the air, using the National HRO rig in the lab. I worked for the computing center, repairing the timesharing Teletype machines. There was a ham club at college, but I had not had a really stellar academic record in high school, so I made a conscious effort to stay away from hobbies and concentrated on getting good grades. Pretty mature, huh? Anyway, I made it out of school and landed a job with a computer company, designing a terminal.

At this point, I didn't have any studying to do, was getting paid for having fun and decided it would be time to finally get my ham license. During one of my summers off, I had worked at a gas station (not a smart career choice). One night, a couple of cars with antennas pulled in. They were obviously together, and as they filled up, I checked out the radio gear. Converted mobile telephone rigs with lighted touch tone pads and big old Motorola control heads. Pretty neat, I thought. So, I called a friend, and talked him into signing up for the ham radio class I found in the paper. We both ended up getting our Novice licenses in the winter of 1978.

I promptly ordered a Heathkit HW2036A 2-meter rig. While I was waiting for the next FCC exam in Boston, I built it and mounted it in my car. Then I drove into Boston to take the General class written exam. This was before question pools, so passing was not a certainty. I did, though, and used the rig on the way out, carefully appending the words "interim BS" to my call sign. I helped to start a ham club at work, and built the controller for our home-brew 2-meter repeater. I'm still the trustee, and helped another ham refine and produce the current controller.

Ten years later, one of the guys at work loaned me his HF rig. I had owned an HF receiver since high school, but this was the first HF transceiver, and the first new, solid state, synthesized one. I remember "discovering" that my Technician license included HF CW privileges, and asked the rig's owner if he would listen for me on 10 meters one night. He agreed, and W1DHD was my first CW contact! I was hooked. This was a blast. So, I decided then and there, that I would upgrade to General, and started studying the code. It was a quiet winter, and my two children were out of diapers and not too much trouble, so I started practicing. It took me about 6 weeks. The first night after passing the code test, I went back downstairs to listen to W1AW (mostly out of habit). The 18 wpm bulletin was a cinch to copy. I made a snap decision to sign up for the Extra code test, figuring that, since I was clearly on a roll, I should set myself a goal. I had a week to study before the next test. I passed it. I'll always choose CW over voice on the HF bands, because it's such a gentle art. It's hard to explain the lure of CW, I just know that it feels right to sit down and communicate that way.

I see ham radio as an amusement park, full of rides. I'll spend time on a ride until I'm tired of it, then go to another one. I haven't been on them all yet. When I get tired, I take a break. When I'm looking for excitement, I hop on a ride. Right now, I'm on the QRP ride, and the fun doesn't show any sign of ending!

73,
Peter, KA1AXY

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Jim "B." Hendrix <jhendrix@usa.net>
Subject: [5731] Instructions for trap dipole
Message-ID: <MAPI.Id.0016.0068656e647269783142444130303045@MAPI.to.RFC822>

Group,
Where can I find instructions for construction of a multiband trap dipole?
Jim, AB5VI

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [5765] Interested son
Message-ID: <M1178097.010.080k9.1.961206181447Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/

PRMD=MOT/ADMD=MOT/C=US/@MHS>

Dean:

Since both my sons went into computers instead of ham radio, I'm not sure how qualified my opinion may be.

However, given the probable age of your son, I'd say take it slow. It is an age of constantly discovering new interests, and what is hot today, may be old news in a week or a month. Make him feel welcome in the shack, with suitable cautions, and if the interest stays, help but allow him to progress at his own pace. If he is really interested, at that age he will drive himself. (Were we all monomaniacs at one time?)

I would suggest you don't follow the example of Clifton Webb in the old movie, Cheaper by the Dozen. Don't have him read or write little messages in code on paper. Try to keep any code learning or practice as an audio experience. It is a kind of "spoken" language, after all.

As a side note, when my younger son got interested in electronics, around 7th grade or so, we built several of the old Radio Shack P-kits together. He also put most of my Heath HW-8 together, and still remembers that. You might check out some of the beginner kits that are often referenced here on QRP-L and have something you can reach for, in case he shows interest in building something.

Anyway, best of luck with your son.
73, Bob N6WG

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: jerryh@webzone.net (Jerry Henshaw)
Subject: [5790] LDG Autotuner Inside My Sierra
Message-ID: <01BBE399.3CFF8220@pm3.ppp88.webzone.net>

Hi Gang,

This is an update of my experience installing the LDG QRP autotuner = inside my Sierra w/KC-2. The KC-2 goes "nuts" with the 15 meter band = module. The SWR on my R7 during the tuning process must be significant = enough to RESET the KC-2 back to its defaults. Not a nice feature!!!! = I solved the problem by placing a metallic shield completely around the = KC-2. I used a piece of small solder braid to ground the shield to the = chassis of the Sierra.

The auto-tuner work just fine with the other band modules --- the KC2 = just didn't like all the stray RF during the tuning process. So if you = are planning to install a LDG auto-tuner inside your rig... you should =

construct a shield for your KC-2.

I have sent a sent of pictures of my installation to LDG Electronics -- =
they will be posting them on their web page in the next few days... a =
picture is worth a thousand words. (The pictures do not show the =
shield on the KC2 -- I just finished fabricating it today).

72's

Jerry
KR5L / QRP

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
Subject: [5727] LDG QRP AUTOTUNER GROUP BUY
Message-ID: <Pine.3.07.9612060020.A14712-91000000@login>

Hello Gang,

Enough people have expressed interest in the LDG QRP Autotuner that I am
going ahead with the group buy.

If you desire to order a tuner please contact me via e-mail and send a check
for \$91.00 (delivered price) to:

Steven Bornstein K8IDN
475 East North Broadway
Columbus, Ohio 43214

I would like to place the order next week to insure prompt delivery.

73, Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Joe Gervais <vole@primenet.com>
Subject: [5774] Lucy, I'm home!
Message-ID: <199612062014.NAA15509@primenet.com>

Howdy All,

Yep, I'm back. Through sheer determination, near-lethal doses of caffeine, blind luck, and perhaps even a small touch of skill I survived the unsurvivable, delivered the undeliverable, and walked away to tell the tale. Limping, but walking nonetheless.

The Project From Hell(tm) culminated in a mind-numbing crescendo of 76 hours of work in 3.5 days. Just a reminder that there really are some of us in the under-30 crowd who know what hard work is. :-) I do feel about a decade older though, so I may be in my late 30's now....

Came home to find that I still have S7 QRN covering 7.030-7.050, so my Fox hunting has suffered. Not too many Foxes come into my QTH at S7+! Luckily local ScQRPion and Furry One NQ7K (Mike) happened to fit the bill, so I was able to add at least one more pelt to my wall for the season. Reports persist around Phoenix of an east valley ham driving out to the west valley QTH of the AZ Fox and transmitting into a dummy load, but are believed to be unfounded. ;-)

Anyway, good to be back. Am finally working on a ham logging program for the Mac (release is a month or two away), and my wife is scheduled to produce our third harmonic in 5 weeks, so things are hoppin' at Chez Gervais. Time to catch up on email....

Hope all's well at your local QTH as well!

Happy Holidays de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

All I want for Christmas is a QSO with NH and DE!!!

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Claton Cadmus" <aplitech@Spacestar.Net>
Subject: [5722] Minnesota QRP'ers
Message-ID: <199612060323.VAA26533@Spacestar.Net>

Warning, Warning, Will Robertson, Warning!

The December 1996 meeting of the "Minnesota QRP Society" will be held;

Date: Saturday, December 7th, 1996 (That's this Saturday!)
Time: 2:00pm to 4:30pm

Place: Edina Community Library
4701 West 50th Street
Edina, Minnesota

This is just east of Hwy. 100 on 50th Street next to the police station.

Claton Cadmus |73 de KA0GKC
Application Technologies Inc. |ARRL, QRP-ARCI, NorCal
Ph. (612)926-8886 |ARCC, MNQRP Society
Fax (612)926-8545 |ka0gkc@ka0gkc.ampr.org
E-mail cla@spacestar.net |ka0gkc@wb0gdb.#stp.mn.us

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: aulllj@future.atlcom.net (louis j aull)
Subject: [5777] Mississippi QRP Next Week
Message-ID: <9612062107.AA11989@future.atlcom.net>

You would think that with Ameritron in Starkville Miss. that Miss. hams could be heard at all times. I will be staying at the Holiday Inn North in Meridian Miss. on 12/10, 12/11 and 12/12. In the evenings I will have my TAC-1 on 7.040 or so and will be calling CQ AE4JA/5/QRP at 5 watts to a 40 meter dipole strung between the second floor balconies. Those of you who needed a Miss. qrp qsl give a good listen.

72/73 de Lou AE4JA

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [5749] Need Web Site address for virus info
Message-ID: <199612061618.KAA32290@mail.utexas.edu>

A few digests ago, someone posted a Web address for checking the authenticity of suspected PC viruses. I would like to have that address. If someone on the list still has it, please email me direct.

Thanks,

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice: (512) 471-1388
bhowell@mail.utexas.edu
N5AL0 QRP-L #415

everything is sacred
nothing is serious

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [5738] New England QRP club dues are due.
Message-ID: <199612061433.JAA206588@nss2.CC.Lehigh.EDU>

Hello Gang,

This is just a friendly reminder that your 1997 dues are due.
Our esteemed editor Dennis Marandos reminds me that paying up
now will insure your receipt of the January Newsletter.

73 de AA1IK
Ernie

de AA1IK N.E.-QRP-C. #202 (Lead by example, It is better to)
 QRP-L member #95 (pull a string than it is to push it.)
Ernie Gregoire FISTS #2644
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: NJBIRDMAN <jsielke@pobox.com>

Subject: [5760] New Guy!

Message-ID: <Pine.LNX.3.95.961206122911.603C-1000000@jsielke.ppp.cyberenet.net>

WB9VHF (Paulette) told me about this group. Been lurking for a little while. Thought maybe a quick introduction would be in order. Benn a Ham since 1958 (KN3HLU), in Philly. Held K3HLU until 1972, then became W7JEF in Great Falls, MT, then W4MPC in Florida. Got my Extra in 1973. Got this call N4JS in 1974 or therabout. Also held TF2WKT in Hofn, Iceland, from 1968-1969. Life member QCWA. My father was W3IYQ. (Silent Key in June 1995). Presently set up for all bandfs 160-1296Mhz. Used to be really into QRP. Worked 77 countries with old Argo 505 (which I still have), from Meridian, MS. Must admit, I haven't been on much, since getting hooked on this on line stuff. (Shame on me!).

Other Interests:

Companion Birds

Fishing

You can see some of my "interests" on my web page.

73,

_ _ _ _
 / \ / \ / \ / \
(N)(4)(J)(S)
 _ / _ / _ / _ /

John L. Sielke jsielke@cyberenet.net
FAX:(609)794-1194 n4js@n4js.ampr.org
zygodactyl@bigfoot.com jsielke@pobox.com
<http://www.pobox.com/~njbirdman>

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: Bob Hightower <ki7mn@dancris.com>

Subject: [5783] OHR DD-1 Digital Display

Message-ID: <199612062215.PAA21123@dancris.com>

Just completed building the DD-1 Digital Dial from OHR. What a gem this is. Construction is very straightforward, and, if you have the eyesight, not too time consuming. You definitely need a small tip on your iron for this one.

Due to some pilot error on my part, I had difficulty programming (that is, in reading the programming instructions), so didn't get to enjoy it until

today. A couple of e-mails to Dick, and a phone call, straightened me out.

Like all of his kits I have built, this one is well worth looking into. Now when the fox says he/she will be on n.nnn.n, I can get to the last n with no problem.

Usual disclaimers apply, but I am really a satisfied customer.

73,

Bob, KI7MN QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>

Subject: [5763] OHR Wattmeter

Message-ID: <M1178096.009.080k8.1.961206181447Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Rick:Ibelieve the OHR wattmeter is patterned after to one in QRP CLASSICS, the big red book from ARRL. If you have a copy, you could probably compare the two meters and see if my understanding is correct.

73, Bob N6WG

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: GREGOIRE@endor.com (ERNEST GREGOIRE)

Subject: [5751] renewal NE QRP address

Message-ID: <199612061626.LAA164310@nss2.CC.Lehigh.EDU>

RENEWALS to

Bill Studley AA1OC E-MAIL:aa1oc@concentric.net
133 Babosic Lake Rd.
Merimack, NH. 03054

Sorry for not including this with the first posting.

73 de AA1IK

Ernie

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: gsurrency@juno.com (Gary L Surrency)
Subject: [5726] S Beacon heard, Yet Another Ham History (YAHH)
Message-ID: <19961205.214859.9750.1.gsurrency@juno.com>

Ok, so 40m has been real crappy lately. Strangest skips I ever heard in 25 years of hamming. I've just about given up on the Foxes. The only time I hear good stateside signals is in the middle afternoon to early evening. Then, POOF! The propagation gods do it to us again.

So, I'm sitting here reading the latest QRP-L posts, laughing at the Desert FOX story from Bill, and listening around 7040. It's about 0300 UTC, and I start hearing a faint CW signal in the background from my rig as I write this. It's the S Beacon! I haven't heard it before, but the F Beacon is pretty loud here every morning.

So what the heck is going on with my favorite band? Where is the 40m band I grew up with and cut my Novice teeth on? Yeah, I have my own tales of how I got started in ham radio, too. It's pretty much the same as some of the other posts on the subject.

Hit Delete now if not interested in more ham history.

I got introduced to hamming by my dad, when he used to go into the little town where I grew up to get his TV fixed. W4SLF, Angelo worked in the back of the old 5&10 shop that brother and sister ran. You could just see him over all the old TV cabinets and benches that he worked on. I was in the 5th grade.

So, my first project was a crystal radio using REAL Galena and a cat whisker for the detector. Even homemade the tuning caps from wax paper and aluminum foil. The plates were hinged on 4" pieces of Masonite so I could tune them. The inductor was the usual affair with enamel wire on a cardboard paper towel roll. I got the Galena crystal from Johnson Smith and Co. if any of you remember their catalog. They used to advertise in the back of comic book magazines my grandmother would buy when we went grocery shopping for my mom. My grandma taught 5th grade, and I "car-pooled" along with her to avoid riding the bus.

We would pick up bottles along the road and get the deposit money for them, which I used for my allowance. I later got catalogs from Allied

Radio, Lafayette Radio, and Heathkit from Angelo, the TV repair guy. So my first commercial kit was a VTVM from Allied Radio. Then a SW receiver. Then one of the local hams became a silent key and my dad bought all his old gear for me. I got a tower, a 6m J-pole, 6m 5ele beam, rotor, a Globe Scout, and a Hammarlund HQ110. I started some serious CW training using Allied's LP recording of code groups, which I quickly memorized.

It was enough to pass the 5 wpm test from my elmer, Angie, who administered the Novice exam for me. I got on the air, and quickly began to ragchew with other young hams on 40m. I built the Bare Essential 40m 1 tube transmitter that was discussed earlier on this list. I strung wire antennas over nearly every square foot of my mom and dad's back yard.

After almost two years as a Novice, a friend from Orlando and I went to Tampa, Fla. to the Federal Building, and took the tests for Tech, General, and Advanced. I then bought a Heath SB101 on money I earned mowing lawns, and got into some serious DX chasing on 15m with the 2 element Mosley beam that was built just for Novices. Later I got into some 6m DX and joined the civil defense net and used the Clegg 99'er provided by the county.

Some of my friends in high school showed a little interest, but they never did anything with ham radio. I was the only kid in school that carried around and read an ARRL Handbook between classes. I took TV/Radio Electronics at the junior college in Avon Park, (SFJC) during my junior and senior years at high school. I even put up a 40m dipole at the junior college to prove to my classmates that ham radio was real. Someone had donated an old SX-110 SW receiver, and I built a copy of the Bare Essentials transmitter at class using a crystal for 7171 khz. Everyone was amazed. Worked some ham in Pensacola during the break between class using a cheap hand key and an antenna held up on two 2x4's by some of the students!

None of my friends ever got their license, and they usually referred to me as Marconi, or the radio kid. I didn't care. Hamming taught me much of what I wanted to know that school didn't provide. Yeah, I guess high school was pretty much a waste of time to me, and since their science classes were so out of date, I always aced them anyway. No challenge.

I had the usual mail order habit for science labs and kits and parts from Allied and Lafayette. The UPS deliveryman got to know us personally. I used to have some of those little refund checks from Allied, but I can't find them anymore.

Guess everybody has a similar story to relate. I hope I can recruit some youngster into hamming so the story continues for another person. It

ain't a half bad hobby for anybody. It's getting someone to take interest that's the hard part. Today, there are so many things for kids to do, it's more difficult to persuade someone to take interest in something that requires a little effort. I think that's the big problem. Too many distractions and too little time for kids to participate. And the MTV sound-bite attention span of many of today's children doesn't help any. TV is pretty much a total loss.

Oh My God! I've become an Old F--t just like the elmer that taught me!
Good
Grief!

Hey, if everone calls CQ on 7040 khz every half hour or so, will any of us hear it? The band just has to be open to SOMEWHERE. For now, I'm off to check out 80m. The S beacon has faded into the noise now.

72.

Gary Surrency AB7MY
S&S TAC-1 and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Jeff Casey <WB5GWB@sprynet.com>
Subject: [5717] SAT. 12/7 Long Island QRP meeting
Message-ID: <199612060127.RAA27796@m7.sprynet.com>

Reminder to Long Island and New York City area QRPers:

The first get-together of our new QRP group will take place THIS SATURDAY, DEC. 7, 11:15 AM (the restaurant opens at 11:00)

LOCATION: Nicky's of Centerport, 6 Little Neck Road,
Centerport, Long Island, NY (phone: 757-7277 or 754-9523)

DIRECTIONS BY CAR:

1. Long Island Expressway (495) or Northern State Parkway
2. North on Sunken Meadow Parkway
3. West on Route 25A (I think 25A is the last exit before you enter Sunken Meadow State Park)
4. Continue west on Route 25A for 6 or 7 miles until you reach Centerport. (Pass through Northport. If you hit Huntington or Cold Spring Harbor, you've gone too far.)
5. North on Little Neck Road (right turn at traffic light).
6. Turn right into the small parking lot/shopping center that is immediately on your right (less than 100 yards from

25A).

BY TRAIN:

If you'll be riding the LIRR, just let me know what time it is supposed to arrive. One of us will pick you up and drop you off at the station. Take the Port Jefferson branch. I think the Northport station is the closest.

Also, they do call it LONG Island for a reason, so if anyone wants someone to carpool with, let me know and I'll try to match people up.

I envision keeping things very informal -- no dues, no officers, no formal business meeting, no boring lectures. Just fun. Bring rigs, projects, etc. for show and tell. By way of preview, I can tell you that Preston, WJ2V, will be bringing his Sierra with KC1, Sierra with KC2, White Mountain 75 QRP SSB rig, St Louis Tuner, WhiteRook miniature paddles, and more! I'll be bringing my new NorCal 40A if I finish it in time and don't blow it up :-)

The only real business we have to conduct is deciding where and when to have the next meeting.

We're also trying to assemble an email list for the group. If you would like to be on it, please let me know (if you haven't already).

Hope to see you this Saturday!!!

72 & 73,
Jeff

Jeff T. Casey / WB5GWB / Long Island, NY / ARCI ARRL ARS QRP-L

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [5791] Scanning Pictures
Message-ID: <1.5.4.16.19961206174004.368fda52@destin.nfds.net>

Hey Folks...

Not particularly QRP related, but many of you have indicated that you would like to have some of your "pictures" of qrp related equipment scanned into electronic images.

I'm probably going to hate this, but I do have a flatbed scanner, and as long as I don't get overwhelmed with requests, would not mind scanning in some pictures.

If you'll coordinate before you mail them to me it would make life easier.

I'll need to know what type image you want (.GIF, .PCX, .BMP, or .WHATEVER), and you'll need to enclose a SASE if you want the original pics returned. I also need to know if you want color or B/W. Once scanned, I'll e-mail the images to you.

If you'll check out the images of our pets on my homepage, you can get an idea of the "quality". The pictures there were taken with a cheaper 35mm camera and printed by Wal-Mart on 3 1/2 X 5 paper.

72/73

--

Bill Myers KK4KF
FISTS#2390 QRP-L#755 ARCI#9282 scQRP#42 CQC#386
Grid EM60rk (Shalimar, FL 32579)
Snail Mail P. O. Box 178
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
 (Reptiles/Emergency Services/Amateur Radio)
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists>
 ^^^^ That's N 9 N V V

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Steve Bornstein <saborn@freenet.columbus.oh.us>
Subject: [5728] TEN-TEC GROUP BUY
Message-ID: <Pine.3.07.9612060031.A14712-a1000000@login>

Hello Kit Builders,

Just a reminder on the Ten-Tec Group buy. The prices are 10% off EXCEPT for the aluminum enclosures/box items. They are the price shown "with T-kit purchase"

If you have not done so already please send your check to:

Steven Bornstein K8IDN
475 East North Broadway

Columbus, Ohio 43214

Please indicate which "hub" you would like your order shipped to. Columbus,OH, NORCAL, DC Area.

New Idea: If you would like me to ship your kit from Ohio please add \$6.00 to your order to cover the cost of shipping (That's what Ten-Tec charges and I will take care of it.

I would like to place the order next week to insure prompt delivery.

73, Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: Brian Kassel <bkassel@evergreen.com>

Subject: [5755] The Fox Jammer - QTH?

Message-ID: <32A85B39.5321@evergreen.com>

Folks:

I have heard this Jerk several times. With my phased verticals I was able to sort of get a rough fix. The signals seem to be originating to the west or northwest of Phoenix. The signals are fairly strong, but do not appear to be local, as there is some QSB etc.

As has already been noted on this list, the best course is to simply ignore the Fruitcake. It's pretty difficult at times though, I'll admit. When the sick, fragile ego of this individual is not satisfied, they will go elsewhere. Too bad, but it's a bit of a sign of the times, I'm afraid.

--

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*****
* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 *
* QRP-L #404 - ARCI #3623 *
*****
```

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: chuckolson@juno.com (Chuck Olson)

Subject: [5750] The most expensive used QRP transmitting rig??

Message-ID: <19961206.101358.4807.1.chuckolson@juno.com>

Hey Folks,

I just got a sale flyer from Fair Radio in OH - They are offering a 250 mW transmitter which covers 1.6 to 29.99999 Mhz in 10 hz increments.

The price: \$2950 plus shipping for 52 lbs.

This is the HC-8014A which I assume is one of those very nice Collins made rigs that our Defense department no longer requires. Of course our QRO friends could always purchase the accompanying HF-8023 1 kW amplifier for another \$4500.

This rig might be the perfect Christmas gift for the QRP operator who has everything.

Chuck, WB9KZY.

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: ori@juno.com (Ori K Mizrahi-Shalom)
Subject: [5725] TiCK on "38 Special"
Message-ID: <19961205.203204.4375.0.ori@juno.com>

For all those that ordered a "38 Special" kit and want to add the TiCK keyer to it (who doesn't?!), here is the list of components that you have to add in addition to the keyer chip from Embedded Research:

- two resistors 10 KOhm 10% (1/4 or 1/8 W)
- one ceramic disk capacitor 33 pF
- one transistor PN2222 or equ.
- one voltage regulator 78L05 (tiny plastic package)
- one miniature N.O. momentary switch (panel-mounted with mounting screw)
- one 1/8" stereo headphone jack (panel-mounted with mounting screw)

I believe all these components can be purchased at your local Radio Shack store.

We will soon publish a list of all components necessary to complete the basic kit and details of enclosure size and proposed layout for front and back panels.

We will also publish a list of components needed for the IRF-510 amplifier and the RIT circuits, again nothing exotic except for one RF choke (or a toroid) for the power amp.

72/73

ORI AC6AN

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Russ1031@aol.com
Subject: [5746] W3TS Scores Again in the the Spartan Sprint
Message-ID: <961206105258_1685110163@emout14.mail.aol.com>

Mike, W3TS, was having a little trouble with his e-mail, so I didn't receive his Spartan Sprint results until last night. Once again, he did well (under trying circumstances). Mike got 10 Qs on 80 meters (for a score of 20) and 1 QSO on 40 meters (for a score of 1).

Russ Carpenter, AA7QU, Contest Manager for the Spartan Sprints

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: WJ4PRandy@aol.com
Subject: [5786] Website to update Callbook?
Message-ID: <961206173326_2084043178@emout16.mail.aol.com>

Hey gang,
"They" changed our zip codes around here
and I need to let the "world" know...
Is there a web site I can email or something
to "fix" my zip code in the callbooks?
thanks in advance...
Randy WJ4P

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [5782] WM-1 and WM-2 difference
Message-ID: <199612062155.PAA32540@mail.utexas.edu>

You wrote:

I have the WM-1 by Oak Hills. What is the difference between the 1 and the 2 model?

Ken, N6TZV

Ken, I had the same question and this is the response I got from
Dick at OHR:

Hi Bill,
The WM-2 uses a much higher quality American made meter. We have added an
external power jack and a slide switch to select external power or the
internal 9V battery. The cabinet on the WM-2 is about 1" shorter in depth.
The PCB in the WM-2 has been redesigned. I hope this helps.

73,
Dick
OHR

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice: (512) 471-1388
bhowell@mail.utexas.edu
N5ALO QRP-L #415

everything is sacred
nothing is serious

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Frank G3YCC <g3ycc@enterprise.net>
Subject: [5768] WS - Error?
Message-ID: <32A8DC66.4CF5@enterprise.net>

So you noticed the 'deliberate mistake'? Yes, I put 14.106 instead of
10.106, just to see if you would notice :>) Packet is ruining 14.106
anyway! 'Tis a curse...

Cheers

--

72/73

Frank G3YCC G QRP 042 G QRP Master's Award 024
QRP WEB PAGES: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [5764] Your fox report
Message-ID: <M1178098.011.080ka.1.961206181448Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Good going under extremely adverse conditions, Brad.

That N6WM was me, N6WG. Last dit got lost in the shuffle. Heard you for quite a while, always at the edge of the noise, and called you quite a few times. Glad you were able to hear me in there. Bummer conditions. Kind of like watching someone walk along on the far side of a hedge. You could just see the top of the head from time to time, but never the whole person.

Anyway, we'll try again at your next FOX date.
73, Bob

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [5730] Re: 40m loop
Message-ID: <M1177433.001.zd4u0.1.961206070741Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Bob:

I have a 40m horizontal loop up on my roof. It is triangular in shape, with all three sides being close to equal. It runs from one roof peak to another, and then to a 15' mast. Feed is with 300 ohm twinlead to a balanced tuner made from an old push-pull tank circuit with B & W plug in coils.

During the day, it is quite effective on high angle signals. At night, it isn't worth bothering with.

My main antennas are a pair of 40m full wave diamond loops in phase, vertically polarized. During the day, it is a toss up between them and the roof top loop. At night, the diamonds walk off with the honors, due to lower angle signals. Moral: There is no single antenna that will do the job. The more antennas you have, the more options you have. On QRP, that's been real important for me.

As others have said, Your mileage may vary.

72, Bob N6WG

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Steve Hideg <Steve.Hideg.1@nd.edu>
Subject: [5721] Re: CALLS2DIST
Message-ID: <v03007800aecd365abc17@[129.74.35.16]>

>I seem to have lost my notes on how to use the CALLS2DIST server. I need
>to use it to get distances for last weekend's QRP beacon report.

>

>I need the e-mail address and the instructions..

>

>Anybody have this.. or can tell me where it is available?

>

>

>Pete Rossi - WA3NNA

>wa3nna@resuba.com

If you have a web browser, you can do it from the following URL:

<<http://qrp.cc.nd.edu/qrp-l/listserv/calls2dist.html>>

You don't have to remember any syntax, just the e-mail address where you
receive QRP-L mail.

Steve Hideg, N8HSC/9 QRP-L #136
Check out the Internet QRP Club's site on the WorldWide Web:
<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [5762] RE: choosing a beginners RX ?
Message-ID: <50906.owen@apollo.eeel.nist.gov>

In message 06 Dec 1996 12:32:17 -0500,
Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA> writes:

> Paul has suggested a SWL-type radio for a
> budding (potential) ham.

NO! NO! NO! IMHO the price range of the SWL receiver you suggest will get an
acceptable SWL receiver but a POOR ham receiver. Most of the SWL receivers
are great for AM broadcast but do a VERY poor job on CW or SSB.

> So what might be an appropriate SWL receiver?
> Is a regenerative receiver too frustrating for a
> beginner to use?

A regen is a great receiver for GENERAL type use and to play with but unless you get something like an REL that's made for CW you will have trouble with enough selectivity and maybe stability to really be useful on the hambands.

> Or would one of the commercial "Short-wave" receivers
> be better? Seems to me Radio Shack has a few, and
> there's Sangean, Sony, Grundig. Do many of these sport
> a BFO for CW/SSB? Opinions please, Christmas is coming.

To get a "commercial SW receiver that will also do a good job on the ham bands you will have to spend \$600 up. It would be much cheaper to buy a \$200 SWL receiver AND a hamband only receiver. I would suggest any of the Drake receivers 2B, R4A, R4B, R4C as a low cost receiver (\$90-\$225) as a hamband receiver that can also with the addition of a crystal also receive just about any of the SW broadcast bands. Then later you can purchase any of the matching Drake transmitters and have a nice SSB/CW station at minimal cost. The Heath Kits will also do a good job on the ham bands but can't easily do the SW broadcast end. In a nut shell there are few receivers except the Drake that will do both well at a reasonable cost. 72/73 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Joe Gervais <vole@primenet.com>
Subject: [5771] RE: choosing a beginners RX ?
Message-ID: <199612061938.MAA12864@primenet.com>

Jim (K4CGY) wrote:

>
> > Paul has suggested a SWL-type radio for a
> > budding (potential) ham.
>
> NO! NO! NO! IMHO the price range of the SWL receiver you suggest will
> get an acceptable SWL receiver but a POOR ham receiver. Most of the
> SWL receivers are great for AM broadcast but do a VERY poor job on CW
> or SSB.

Though it does depend on what you consider to be acceptable as a ham rcvr. I started out with a Rat Shack DX-440 (Sangean still makes the same box I believe - model 803a) back in 1990. Works pretty darn good for \$180! Has a BFO switch for listening

to CW/SSB. Sure the "narrow" filter is probably 1.2KHz :-) but it fit the bill for me. Spent hours listening to SWR, SSB and *lots* of CW.

Again, that's assuming you just want a starter rcvr. It was enough to get me hooked! (Actually it was a MARS call home from literally the middle of nowhere that finally made up my mind, but that's another story... :-)

Anyway for around \$200, it's a good performer all around for the money. No personal gain or relation to Sangean or the Rat Shack, just happy with a box they make. Still use mine for SWL and occasionally to help me get a rough idea of where one of my kits is resonating.

(Yes folks, I survived the Project From Hell(tm) and am back on the List. Be afraid. Be very afraid. :-)

Happy Holidays de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5744] Re: DSP-9 vs 500Hz FILTER
Message-ID: <Pine.3.89.9612061050.G19982-0100000@w3eax.umd.edu>

I would take any IF filter above any audio-chain filter, period.

An IF filter will filter out a signal BEFORE it gets far into the receiver

An audio filter will serve to clean up the mess said strong signal HAS caused.

It is far better, IMHO, to have no mess in the first place. Better still is a combination of the two filtering techniques.

Given the choice of ONE, it comes down to:

How many different radios do you have which you'd like to filter?

If the answer is ONE, get the IF xtal filter.

If >1, get the DSP, because it's able to work on multiple rigs.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [5747] Re: DSP-9 vs 500Hz FILTER
Message-ID: <199612061708.LAA06092@multi13.netcomi.com>

DSP audio filters suffer from one problem. They are outside the AGC loop. That means that a signal 2 kHz away will interfere with the signal you are trying to copy even though you can't directly hear it. I borrowed two DSP filters (W9GR and JPS NIR12) for several weeks and put them to the test before buying a new rig with a built-in DSP filter (TS570D). You can indeed get very good narrow bandwidth without ringing, and very steep skirts. Signals outside the passband just disappear, if they are not causing AGC pumping or overload or intermod, etc.

In CW operation, most of the extras are just not very useful. Heterodyne cancellation always seems to cancel the signal you want to copy first. Of the two modes of noise reduction, spectral shaping can't do any better than you turning down the bandwidth, and correlation filtering sometimes helps if you can set the correlation interval short enough to trigger on code elements.

I think that you first need to tighten the filtering as early in the receive chain as you can, consistent with reasonable group delay performance (ringing characteristics). This means add the IF crystal filter first, perhaps the 500 Hz, not the 150 Hz. Then augment this with DSP filtering.

I have found that one of the key benefits of the DSP filter is to reduce the noise bandwidth of the receiver without destroying the intelligibility of the desired signal. This is how you get some of those extra weak foxes (like RST 229).

Hope this helps.

Mike K1MG

> From: David Kreinberg <kreinbd@ccgate.dl.nec.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Subject: DSP-9 vs 500Hz FILTER
> Date: Friday, December 06, 1996 6:13 AM
>
>
> Gang:
>
> I've been looking at getting serious about adding
> filtering to my FT-840.
>
> I'd like to hear from folks who have used the
> DSP filter by Timewave model DSP-9. How do you
> like
> it?
>
> Will this work better/same as an internal 500Hz
> filter offered by Yaesu? I know the internal filter
> won't get rid of the heterodynes, tones, etc., but
> how does it compare with the DSP-9 as a filter?
>
> Never used a DSP, but I hear only wonderful things
> about them.
>
> Thanks very much!
>
> 73 de Dave NR3E
>

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [5748] Re: DSP-9 vs 500Hz FILTER
Message-ID: <1.5.4.32.19961206160841.00af3218@freebird>

The question asked is "Is the DSP-9 as good as a 500Hz IF filter at being an IF filter?" The answer is no. I love DSP, but if it has to compete with an IF filter at doing the IF filter's job it will lose.

On the other hand, if you reverse the question, "IS the IF filter as good as a DSP box at doing a DSP's job?" the answer is still no. A DSP filter can do noise reduction without bandwidth reduction, which an IF filter can't do. And if you ever want to run SSB, a DSP filter does instant heterodyne elimination which is impossible with an IF filter and a godsend when working a pileup.

It's not a simple choice, but I think if I could only afford one, I'd go with the more flexible DSP which can solve a number of problems at once and put the IF filter on the list for when I could afford to spend the money to

fix just one problem. But if the idea is to get the best 500Hz filter possible, then the IF filter is the only choice.

>>>==>PStJTT

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Floyd Soo, W8RO" <hires@rust.net>
Subject: [5752] Re: DSP-9 vs 500Hz FILTER
Message-ID: <32A91C5F.5E34@rust.net>

David Kreinberg wrote:

>
>
> Gang:
>
> I've been looking at getting serious about adding
> filtering to my FT-840.
>
> I'd like to hear from folks who have used the
> DSP filter by Timewave model DSP-9. How do you
> like it?

I love it, what it does, it does well!

>
> Will this work better/same as an internal 500Hz
> filter offered by Yaesu? I know the internal filter
> won't get rid of the heterodynes, tones, etc., but
> how does it compare with the DSP-9 as a filter?

Not better, not the same. These 2 units work differently to try and accomplish the same goal. Yes, the notch filter is a must on SSB to knock out heterodynes, but any filtering in the IF is going to be more effective than in the audio stage. The sooner you can take the QRM out in the rcvr stages, the better. Audio is the last thing in the chain, therefore it is the greatest compromise. Every other preceding stage has been amplifying the offending signal, now at the end you are trying to remove it and not corrupt what you want to hear! That's a tall order! You do not see widespresd use of DSP in the IFs of commercial rigs, let alone ham gear; and that's because the cost effective technology is just not there yet. Soon, but not right now! A good filter in the IF is still preferable. Personally, I use both! The more options you have, the better off you are! I really like my DSP-9+, but I don't think I'd give up my IF filters for it.

>
> Never used a DSP, but I hear only wonderful things
> about them.

Once you use a good one, you'll wonder how you ever got along without one!

>
> Thanks very much!
>
> 73 de Dave NR3E

--
72,
Floyd Soo, W8RO (ex KF8AT)
President, HI-RES Communications, Inc.
Net Manager and Board Member, Collins Collectors Association
QRP-L #392
hires@rust.net
<http://www.rust.net/~hires>

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: AE0Q / V31RY <v31ry@ix.netcom.com>
Subject: [5792] Re: DSP-9 vs 500Hz FILTER
Message-ID: <2.2.16.19961206164907.2a4f5076@popd.ix.netcom.com>

At 09:13 06-12-96 CDT, NR3E wrote:

>
> Gang:
>
> I've been looking at getting serious about adding
> filtering to my FT-840.
>
> I'd like to hear from folks who have used the
> DSP filter by Timewave model DSP-9. How do you
> like
> it?
>
> Will this work better/same as an internal 500Hz
> filter offered by Yaesu? I know the internal filter
> won't get rid of the heterodynes, tones, etc., but
> how does it compare with the DSP-9 as a filter?
>
> Never used a DSP, but I hear only wonderful things
> about them.
>

Dave, you're comparing apples and oranges! You DEFINATELY need a 500Hz IF filter in the radio's IF stage before you want to use a DSP AUDIO filter..

If you were to use an audio filter and keep the IF at the usual SSB width, 2.4kHz, your AGC will react to nearby strong signals that you don't want to hear on CW.. The audio filter would cut them out, but the desired signal will be very weak as the AGC pumps up from the stronger signals in that wide IF.

First install a 500Hz IF filter, then add an audio filter!! Timewave will tell you that themselves..

For excellent IF filters, check I.R.C.I., they have better filters at cheaper prices than the manufacturers! I use two in my TS-450s, and two friends have also got IRCI 400Hz and 250Hz filters in their TS-450's.. Their filters use hand-matched crystals, and have narrower skirts than most from the big manufacturers.. They advertise in all the ham magazines (International Radio and Computer Inc)..

I DO have a Timewave DSP-59+, and I've used a DSP-9 at a big contest station here in Colorado.. They sure work 'magic' on noise, and make great narrow CW filters, after the radio's 500Hz filter is in.. They will bring a signal right out of the audio noise so that you can copy it.. I took mine on a DX trip to Belize, and it allowed me to keep working the Europeans for an extra hour each morning, after I couldn't hear them without the DSP filter!!!

The DSP-9 seems better suited to a multi-op contest operation, simpler to use when you need it quickly and aren't familiar with it.. But I like the DSP-59+ better at home, where I can get familiar with all it's features..

They DO cut out hetrodynes, but that mode is only useable when listening to voice signals.. If you turn it on with CW, it thinks each CW character is a new hetrodyne, and tries to eliminate it! I don't operate fone, so it's not useful for me..

The noise-reduction, and ability to be a very narrow CW filter are the best for me. Be aware that you have to 'key' the filter from your radio when you are on CW.. Otherwise your sidetone may not go through it! It requires a contact closure to gnd when you transmit, and that opens up the DSP filter width to allow your sidetone to pass.. I take mine from the amplifier keying relay contact in the TS-450s, and with my Ten Tec Scout I use a transistor to key it that I added inside the Scout..

I highly recommend the Timewave filters, but after installing a 500Hz IF filter!

73 -- Glenn

Duct Tape is like the Force: It has a light side, and a dark side,
and it holds the Universe together.

AE0Q / V31RY
v31ry@ix.netcom.com

ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
-- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [5719] Re: Fox Jammer
Message-ID: <Pine.LNX.3.91.961205181159.3742A-100000@dt1.datatamers.com>

Laura,

The jammer was mostly continuous carrier, with occasional breaks. The bad part was that the signal was swished right onto the FOX many times (by twisting the VFO knob). From the strong signal, I suspect the jammer was in California. If only I had a rotatable 40-meter beam I could have taken a bearing! Let's hope it doesn't happen again.

72, Dave, W6EMD, Redwood City, CA

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [5769] Re: FS SIERRA
Message-ID: <Pine.GS0.3.93.961206134544.1686B-100000@autarch.acsu.buffalo.edu>

The rig is being relocated to a good home. Thanks for the great response. If the response is any indication.....Wilderness radio should have a busy season :-)

Now I have to decide between the FT1000D and the FT1000MP
If anyone needs my XMas list. My wife says I've never been "that" good.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [5772] Re: FS SIERRA
Message-ID: <199612061943.MAA16313@dancris.com>

At 01:50 PM 12/6/96 -0500, you wrote:

>
>Now I have to decide between the FT1000D and the FT1000MP
>If anyone needs my XMas list. My wife says I've never been "that" good.
>
> 73,
>
Tell her that you are striving to improve, and one of these would help
tremendously! :^)
73,
Bob KI7MN
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Frank G3YCC <g3ycc@enterprise.net>
Subject: [5766] Re: G-QRP membership renewal
Message-ID: <32A8D910.3905@enterprise.net>

According to the 1996-7 G QRP Club handbook, Mike KG5F is still the US
'rep'. But it does also state that dollar cheques are OK as a dollars in
cash (not that you would use that!).
If you have any more trouble, let me know and will try to help. The next
Sprat is due out a couple of days before Christmas, I understand.

--

72/73
Frank G3YCC G QRP 042 G QRP Master's Award 024
QRP WEB PAGES: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [5784] Re: Ham Musicians
Message-ID: <Pine.GS0.3.93.961206172231.4391B-100000@autarch.acsu.buffalo.edu>

Has anyone noticed a correlation between
Mathematics, Music and code proficiency?

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5785] Re: Ham Musicians
Message-ID: <Pine.3.89.9612061731.B21018-0100000@w3eax.umd.edu>

Yes.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

On Fri, 6 Dec 1996, J. Skalski wrote:

> Has anyone noticed a correlation between
> Mathematics, Music and code proficiency?

>

>

> 73,

>

> Jim N2GO
> The Buffalo QRP CONNECTION
> ARCI #9013 QRP-L #381
> jskalski@acsu.Buffalo.EDU

>

>

>

>

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [5787] Re: Ham Musicians
Message-ID: <Pine.SUN.3.90.961206143247.9151D-1000000@vortex.sage.dri.edu>

On Fri, 6 Dec 1996, J. Skalski wrote:

> Has anyone noticed a correlation between
> Mathematics, Music and code proficiency?

Not me.

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: ka7you@juno.com
Subject: [5761] Re: LOST- Qty power supply posting
Message-ID: <19961206.105613.5279.1.ka7you@juno.com>

Help! Last week there was a posting about some large quantity of low power power supplies, and I responded that I could use a case of them, and received a reply. I want to order some, But I've lost a big chunk of saved messages and I would like the address of that party. Can anyone help me?

Also, has anyone else had similar difficulties with JUNO? I noticed the other day that my system locked up while downloading(it hung on the line for many minutes) and when I finally was disconnected and looked at the incoming files, the chronological order of all the inbox files was scrambled! and that I believe some disappeared at that time. It was just after Juno was down for several days. I now have a couple of hundred september and december files and everything else mixed together in random order.

Thanks for the help.

7 3

Rod KA7YOU CN97AK 160M through 1296MHz + 3456MHz NWQRP/#120 QRP-L/#844

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Guy Dragoo <gdrag@proedge.com>
Subject: [5776] RE: Lucy, I'm home!
Message-ID: <01BBE385.C77F8800@ft237.computek.net>

Hi Joe et al

"Produce third harmonic (kid) in 5 weeks"?????? Man, you (I should say = your wife) is a real trooper...I would say at this rate you will be an =

old man soon fer sure.

If I was a betting man I would guess you meant she was "due in 5 = weeks...but if you didn't, I'd suggest you start working more than 76 = hours in three days and drink less coffee...sounds like you had a few = too many coffee breaks in there{;-{}

73

Guy AC5HL

PS I'd ask what y'all put in your coffee out there but I'm afraid I = might take a hankering to it.=20

-snip

The Project From Hell(tm) culminated in a mind-numbing crescendo of 76 hours of work in 3.5 days. Just a reminder that there=20 really are some of us in the under-30 crowd who know what hard work is. :-) I do feel about a decade older though, so I may be in my late 30's now....

snip

Anyway, good to be back. Am finally working on a ham logging=20 program for the Mac (release is a month or two away), and my wife=20 is scheduled to produce our third harmonic in 5 weeks, so things are hoppin' at Chez Gervais. Time to catch up on email....

Hope all's well at your local QTH as well!

Happy Holidays de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

All I want for Christmas is a QSO with NH and DE!!!

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: Joe Gervais <vole@primenet.com>

Subject: [5779] Re: Lucy, I'm home!

Message-ID: <199612062121.0AA20873@primenet.com>

Guy (AC5HL) wrote:

>

> "Produce third harmonic (kid) in 5 weeks"?????? Man, you

> (I should say your wife) is a real trooper...

Miracle Grow in the water supply. Works like a charm. :-)

Ho Ho Ho de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: rhight@primenet.com (Roger Hightower)

Subject: [5780] Re: Lucy, I'm home!

Message-ID: <199612062131.0AA00358@primenet.com>

At 01:14 PM 12/6/96 -0700, Joe Gervais wrote:

>

(Snip) Reports persist around Phoenix

>of an east valley ham driving out to the west valley QTH of the AZ

>Fox and transmitting into a dummy load, but are believed to be

>unfounded. ;-)

>

Gosh, I wish I'd thought of that. Haven't heard a peep out of Mike either time.

Hope to CU at the hamfest tmrw.

72/73 de Roger N7KT

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: rhight@primenet.com (Roger Hightower)

Subject: [5781] Re: Lucy, I'm home!

Message-ID: <199612062133.0AA00914@primenet.com>

At 02:21 PM 12/6/96 -0700, Joe Gervais wrote:

>

>Guy (AC5HL) wrote:

>>

>> "Produce third harmonic (kid) in 5 weeks"?????? Man, you

>> (I should say your wife) is a real trooper...

>

>Miracle Grow in the water supply. Works like a charm. :-)

>

>Ho Ho Ho de KC7NEV,

>

>-Joe, vole@primenet.com, AZ ScQRPions

>

>

I think it's the Jolt.

72/73 de Roger N7KT

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>

Subject: [5741] Re: Mobile Ant

>From: rhight@primenet.com (Roger Hightower)

>Now working with a Valor 80M whip, using a DX70T and

>EDX-2 autotuner, and can work all bands 10-80M.

Hi Roger, when you say "work" you probably know what you mean but everyone else might not. In general, using an 80m whip with its high inductance/lossy coil on 80m is bad enough but using it on higher bands is asking for gross inefficiency. To minimize loading coil losses, the inductance of the coil should be minimized for the band in use.

A magnetic mount does not have enough capacitance to the chassis on the lower bands. A grounding strap is necessary for maximum efficiency which requires exposed metal somewhere close to the mag mount. W8JI reports arcing between the mag mount and the car body on the lower bands.

An autotuner is very convenient (I use one). But one must realize that an autotuner is less efficient than base-loading which is less efficient than center-loading which is less efficient than top-hat loading.

80m mobile operation is extremely inefficient even with the best antenna configuration which is a

top-loaded bugcatcher mounted directly to the body on top of a large vehicle and using as large a top-hat as possible. Any compromise from this configuration decreases the radiation efficiency which is a paltry 2% with a good bugcatcher on 80m. An antenna with a coil 'Q' of 50, something like a hamstick, might have a radiation efficiency of 0.75% or less on 80m. I'm not familiar with a Valor 80m whip but I assume it is like a hamstick.

73, Cecil, W6RCA, 00TC

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Roger Hightower <rhight@primenet.com>
Subject: [5743] Re: Mobile Ant
Message-ID: <32A83F3A.6234@primenet.com>

Cecil A Moore wrote:

>
(snip)
> A magnetic mount does not have enough capacitance to
> the chassis on the lower bands. A grounding strap is
> necessary for maximum efficiency which requires
> exposed metal somewhere close to the mag mount. W8JI
> reports arcing between the mag mount and the car
> body on the lower bands.
>

You're right...I wasn't clear. I'm not using a magmount in this case, but a homebrew mount that attaches to the side of my Class III hitch. There's a good solid ground to the Jeep.

The Valor is very similar to a hamstick, but has a slightly heftier whip element, so it doesn't get bent so easily. 80M is OK with this setup, but it really shines on 20 and 40. I haven't had enough recent activity on 10 or 15 to make an objective evaluation, but I have worked stations, which is an accomplishment at this point in the cycle.

Thanks for the response.

--

72/73 de Roger N7KT

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996

From: km1h@juno.com
Subject: [5773] Re: Need Web Site address for virus info
Message-ID: <19961206.150915.7311.14.km1h@juno.com>

TRY : <http://www.mcafee.com>

Thats the one I always use. GL.....Carl

PS: pse cfm receipt of this msg...I suspect many do not get thru

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Al Moyle <moyle@essc.psu.edu>
Subject: [5775] Re: Need Web Site address for virus info
Message-ID: <2.2.32.19961206201940.002f83e8@pop3server.essc.psu.edu>

At 03:10 PM 12/6/96 EST, you wrote:

>TRY : <http://www.mcafee.com>

>

>Thats the one I always use. GL.....Carl

>

>PS: pse cfm receipt of this msg...I suspect many do not get thru

>

Another good one is the "Computer Virus Myth" home page ...

<http://www.kumite.com/myths/>

73,
Al N3KFL

From owner-qrp-l@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: PasDave@aol.com
Subject: [5753] Re: QRP-L digest 565
Message-ID: <961206113337_1752224528@emout01.mail.aol.com>

Would you please be so kind as to make sure that I will continue to receive QRP-L? Someone has been using my password and as a result my account with AOL was closed for two days while they investigated. I have mislaid the paperwork that tells me specifically how to log on again. I hope this note will help. I love QRP-L and it is my "window to the world" in QRP terms. By the way, if I should have to change my screen name, and hence my address, could you tell me how to do so? Thanks, PasDave@AOL.com

KE6PUF

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
Subject: [5732] Re: S Beacon heard, Yet Another Ham History (YAHH)
Message-ID: <Pine.SUN.3.91-FP.961206062957.10080D-1000000@cap1.capaccess.org>

I picked up the S beacon also thursday at 1100 Z here in WDC. Strongest thing on my vertical.

Regards,
Robert D. Haslach
Bye

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Joel Malman <malman@BBN.COM>
Subject: [5756] re: The Fox Jammer
Message-ID: <199612061707.MAA164142@nss2.CC.Lehigh.EDU>

It would truly be sad if the FOX jammer is a member of QRP-L ...

/joel wa1qvm

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [5757] re: The Fox Jammer
Message-ID: <9612061725.AA08367@artemis.fc.hp.com>

Maybe if we ignore him, the jammer will QSY back to 14.313 with the rest of his infantile ilk.

Tho' I wasn't on early enough to hear the jammer during the hunt, I did hear someone on 7.041 sending out a continous series of 'E's, off in the QSB. Small minds...

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: "John Foote" <John_Foote_at_HDN-BCSE@ccgate.ml.nec.com>

Subject: [5788] Re: The most expensive used QRP transmitting rig??
Message-ID: <9611068499.AA849922751@mv1smtp.ccgate.ml.nec.com>

Yikes!

First came miles per watt. Now we have dollars per milliwatt.

You're right. This is the top of the curve, cost wise at this QRP level.

John Foote
KR4GL

----- Reply Separator -----

Subject: The most expensive used QRP transmitting rig??
Author: chuckolson@juno.com at smtp1ink-ml
From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [5789] Re: Website to update Callbook?
Message-ID: <9612062307.AA07375@artemis.fc.hp.com>

>"They" changed our zip codes around here
>and I need to let the "world" know...
>Is there a web site I can email or something
>to "fix" my zip code in the callbooks?
>thanks in advance...

Hi Randy,

Since the callbooks and Web servers pull their info from the FCC's database, I would suggest that the appropriate procedure to make changes is to submit an updated 610 form to the FCC.

GL es 72,
-Dale, KB0VCC
Fort Collins, CO
QRP-L #91 / CQC #251

From owner-qrp-1@Lehigh.EDU Fri Dec 6 18:09:37 1996
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)

Subject: [5723] Re: [5651] Nor-Cal web page
Message-ID: <199612060336.TAA10620@netcom15.netcom.com>

This is the line from my bookmark file.
73, doug

NorCal QRP Club